Translation

PATENT COOPERATION TREATY



PCT Recapetation 23 DEC 2004 INTERNATIONAL PRELIMINARY EXAMINATION REPORT

	(PCT Article 36 and Rule 70)			
	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)			
International application No.	nternational filing date (day/month/year) Priority date (day/month/year)			
PCT/JP2003/008045	25 June 2003 (25.06.2003) 25 June 2002 (25.06.2002)			
International Patent Classification (IPC) or nati C07D 471/04, A61K 31/437, 31/44 13/12, 25/00, 43/00, C07D 487/04	onal classification and IPC 5, 31/4453, 31/4545, 31/496, 31/519, 31/5377, 31/55, A61P 3/10, 9/10,			
Applicant KY	DWA HAKKO KOGYO CO., LTD.			
This international preliminary examinat and is transmitted to the applicant accordance.	ion report has been prepared by this International Preliminary Examining Authority ding to Article 36.			
	4 sheets, including this cover sheet.			
This report is also accompanied to amended and are the basis for thi 70.16 and Section 607 of the Adr	by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been a report and/or sheets containing rectifications made before this Authority (see Rule ninistrative Instructions under the PCT).			
These annexes consist of a total of				
3. This report contains indications relating	to the following items:			
I Basis of the report				
II Priority				
III Non-establishment of op	nion with regard to novelty, inventive step and industrial applicability			
IV Lack of unity of invention				
V Reasoned statement unde citations and explanation	r Article 35(2) with regard to novelty, inventive step or industrial applicability; supporting such statement			
VI Certain documents cited				
VII Certain defects in the inte	rnational application			
VIII Certain observations on the	ne international application			
Date of submission of the demand	Date of completion of this report			
25 December 2003 (25.12.20)	· · · · · · · · · · · · · · · · · · ·			
lame and mailing address of the IPEA/JP	Authorized officer			

Telephone No.

Form PCT/IPEA/409 (cover sheet) (July 1998)

Facsimile No.

INTERNATIONAL PRE-AMINARY EXAMINATION REPORT

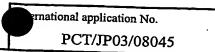
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PCT/JP2003/008045

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Ļ		e description, pages	
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L	th	e drawings, sheets/fig	
. T	his reporteyond the	t has been established as if (some of) the amendments had not been made e disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).*	e, since they have been considered to go
Replace in this and 70.	ement she report a 17).	ets which have been furnished to the receiving Office in response to an insection of the second section in the second sec	avitation under Article 14 are referred to not contain amendments (Rule 70.16
Any rep	lacemen	sheet containing such amendments must be referred to under item 1 and a	nnexed to this report.
DOT	/IDE A /A/	00 (D T) (T. 1. 1000)	

INTERNATIONAL PROMINARY EX

MINARY EXAMINATION REPORT



1. The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to industrially applicable have not been examined in respect of: the entire international application. claims Nos	III. Non-	e-establishment of opinion with regard to novelty, inventive step and industrial ap	plicability
claims Nos	1. The	questions whether the claimed invention arreas to 1	
because: the said international application, or the said claims Nos		·	
the said international application, or the said claims Nos	\boxtimes	claims Nos17-20	
the description, claims or drawings (indicate particular elements below) or said claims Nos	becau	ise:	
the description, claims or drawings (indicate particular elements below) or said claims Nos		the said international application, or the said claims Nos17- relate to the following subject matter which does not require an international prelimi	20
the claims, or said claims Nos are so inadequately supported by the description that no meaningful opinion could be formed. In international search report has been established for said claims Nos 17-20 A meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions: the written form has not been furnished or does not comply with the standard.	th	The inventions of claims 17-20 relate to a method for treatment of	of the human body by
the claims, or said claims Nos are so inadequately supported by the description that no meaningful opinion could be formed. In ointernational search report has been established for said claims Nos 17-20 A meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions: the written form has not been furnished or does not comply with the standard.			
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the claims, or said claims Nos		the description, claims or drawings (indicate particular elements below) or said claims are so unclear that no meaningful opinion could be formed (mariful).	3 Nos
the claims, or said claims Nos are so inadequately supported by the description that no meaningful opinion could be formed. no international search report has been established for said claims Nos A meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions: the written form has not been furnished or does not comply with the standard. the computer readable form has not been furnished or does not comply with the standard.		specify):	
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INTERNATIONAL P

MINARY EXAMINATION REPORT

	International application No.
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atement			
Novelty (N)	Claims	1-16, 21-24	YES
	Claims		NO
Inventive step (IS)	Claims	1-16, 21-24	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-16, 21-24	YES
	Claims		NO

Document 1) WO, 01/47931, A

The inventions of claims 1-16 and 21-24 appear to be novel and to involve an inventive step. Document 1 cited in the ISR neither describes nor suggests the compounds of the inventions of this application having unique chemical structures as compounds useful as a remedy for diabetes.